

UTILITY PATENT APPLICATION TRANSMITTAL

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

22386 U.S. PTO
10/652862
08/29/03



Transmitted herewith for filing is the patent application of:

INVENTOR(S): Francesco CIOVACCO, Fabio SOMBOLI, Giuseppe FAZIO and Simone ALBA

TITLE: METHOD AND APPARATUS FOR DETECTING A LEAK OF EXTERNAL AIR INTO A PLASMA REACTOR

ASSIGNEE INFORMATION PURSUANT TO 37 C.F.R. 1.76

ASSIGNEE NAME: STMICROELECTRONICS S.r.l.
ASSIGNEE RESIDENCE: AGRATE BRIANZA, ITALY

In connection with this application, the following are enclosed:

Fee Transmittal Form
 21 Pages of Specification, Claims and Abstract
 31 Claims
 5 Sheets of Drawings (FIGS. 1-4)
 Unexecuted Declaration and Power of Attorney
 Information Disclosure Statement, Form PTO-1449 with 3 non-U.S. patent references
 Please direct all correspondence to **Customer Number 23334.**

Respectfully submitted,

FLEIT, KAIN, GIBBONS, GUTMAN,
BONGINI & BIANCO P.L.
One Boca Commerce Center
551 Northwest 77th Street, Suite 111
Boca Raton, FL 33487
(561) 989-9811
(561) 989-9812 Fax

BY:


Jose Gutman
Reg. No. 35,171

1715
08/29/03
U.S. PTO

FEE TRANSMITTAL

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Francesco CIOVACCO, Fabio SOMBOLI, Giuseppe FAZIO and Simone ALBA

**TITLE: METHOD AND APPARATUS FOR DETECTING A LEAK OF EXTERNAL AIR INTO
A PLASMA REACTOR**

The fee has been calculated as shown below. (Small entity fees indicated in parentheses.)

For	Number Filed		Number Extra	Rate Large (Small)	Basic Fee \$750 (\$375)
Total Claims	31		20	11 \$18 (\$9)	198
Independent Claims	4		3	1 \$84 (\$42)	84
Multiple Dependent Claims				\$280 (\$140)	0
Assignment Recording Fee				\$40	0
					TOTAL FEE: \$ 1,032

The Commissioner is hereby authorized to charge Deposit Account No. _____ in the amount of \$_____.
 The Commissioner is hereby authorized to charge payments of (1) any additional filing fees required under 37 CFR 1.16, and/or (2) any patent application processing fees under 37 CFR 1.17 associated with this application or credit any overpayment to Deposit Account No. _____.

Respectfully submitted,

BY: 
 Jose Gutman
 Reg. No. 35,171

FLEIT, KAIN, GIBBONS, GUTMAN,
 BONGINI & BIANCO P.L.
 One Boca Commerce Center
 551 Northwest 77th Street, Suite 111
 Boca Raton, FL 33487
 (561) 989-9811
 (561) 989-9812 Fax

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re Application of:
Francesco CIOVACCO et al.
Serial No. (not yet assigned)
Filed: HEREWITH

Atty Docket: 02-AG-228/RR
APPLICATIONS BRANCH

For: *METHOD AND APPARATUS FOR
DETECTING A LEAK OF EXTERNAL AIR
INTO A PLASMA REACTOR*

CERTIFICATE OF EXPRESS MAIL MAILING

"Express Mail" Mailing Label No. **EV343426448US**
Date of Deposit: **August 29, 2003**

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

I hereby certify that

- Application Transmittal
- Fee Transmittal Form
- Specification, Claims, Abstract
- 1 set of 5 sheets of drawings
- Unexecuted Declaration and Power of Attorney
- Information Disclosure Statement, Form PTO-1449 w/ 3 non-U.S. patent refs.
- Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to:

MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

8/29/03
Date of Deposit

Kathleen Schlosser
Name of person mailing papers
Kathleen Schlosser
Signature